

## MEMBRANE PROBING SYSTEM

## ABSTRACT

5 A membrane probing assembly includes a probe  
card with conductors supported thereon, wherein the  
conductors include at least a signal conductor located  
between a pair of spaced apart guard conductors. A  
membrane assembly includes a membrane with contacts  
thereon, and supporting at least a signal conductor  
located between a pair of spaced apart guard conductors.  
10 The guard conductors of the probe card are electrically  
interconnected proximate the interconnection between the  
probe card and the membrane assembly. The guard  
conductors of the membrane assembly are electrically  
interconnected proximate the interconnection between the  
15 probe card and the membrane assembly.

20

25

30